

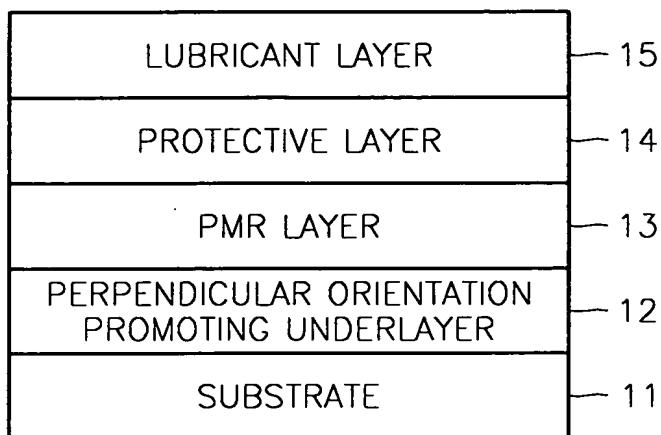
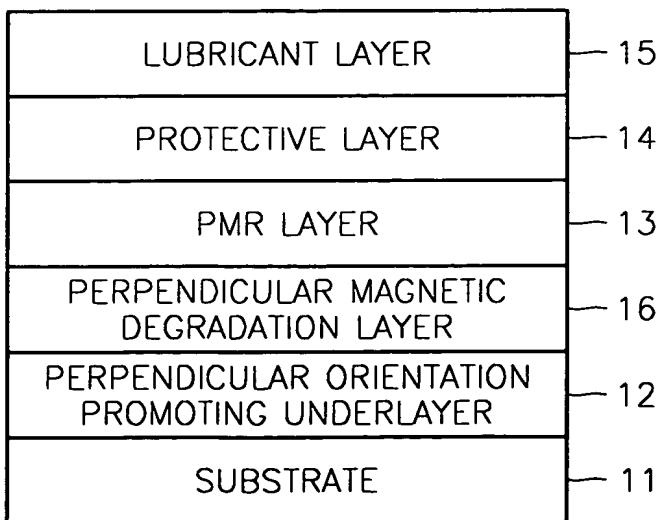
**FIG. 1A (PRIOR ART)****FIG. 1B (PRIOR ART)**

FIG. 2A

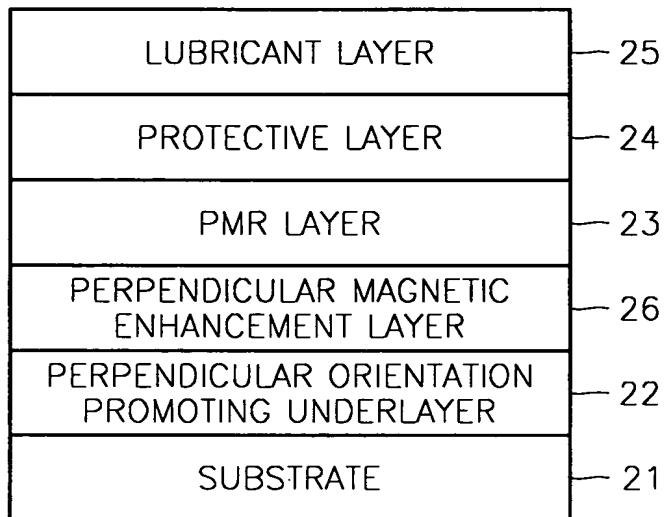
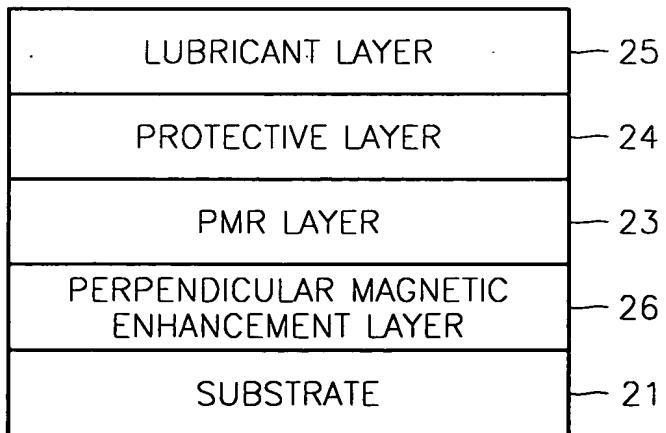


FIG. 2B



**FIG. 3**

MATERIAL	STRUCTURE	LATTICE CONSTANT (Å)	PLANE 1 (Å)	PLANE 2 (Å)	JCPDS Card No.
Co	HEXAGONAL	2.5031	(0001) 2.50	(0001) 2.50	05-0727
Pt	FACE-CENTERED CUBIC	3.9231	(100) 3.92	(111) 5.55	04-0802
Ti	HEXAGONAL	2.9505	(0001) 2.95	(0001) 5.90	44-1294

**FIG. 4**

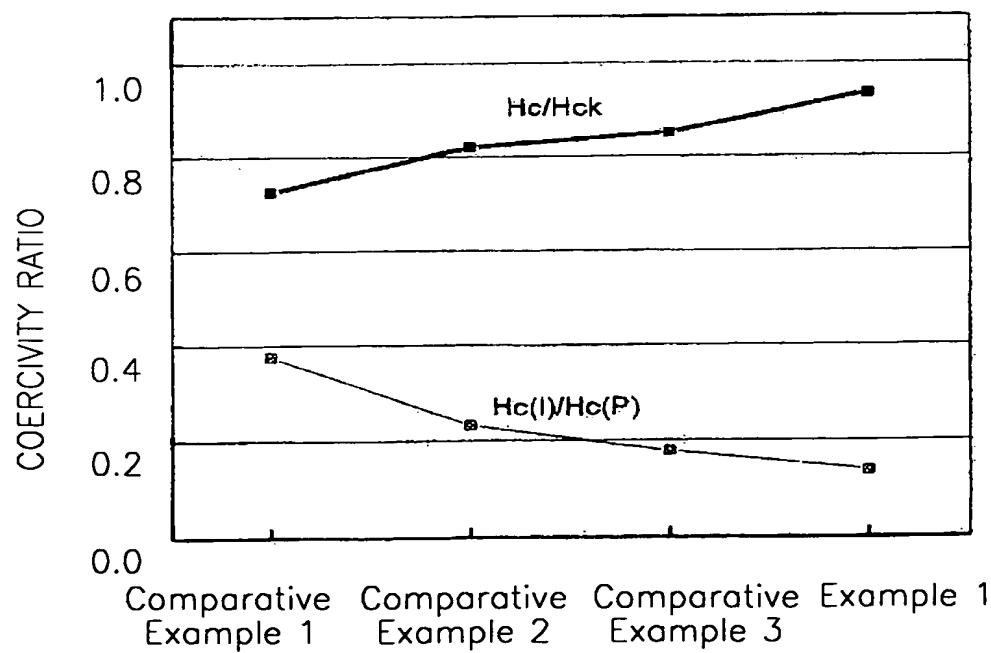


FIG. 5

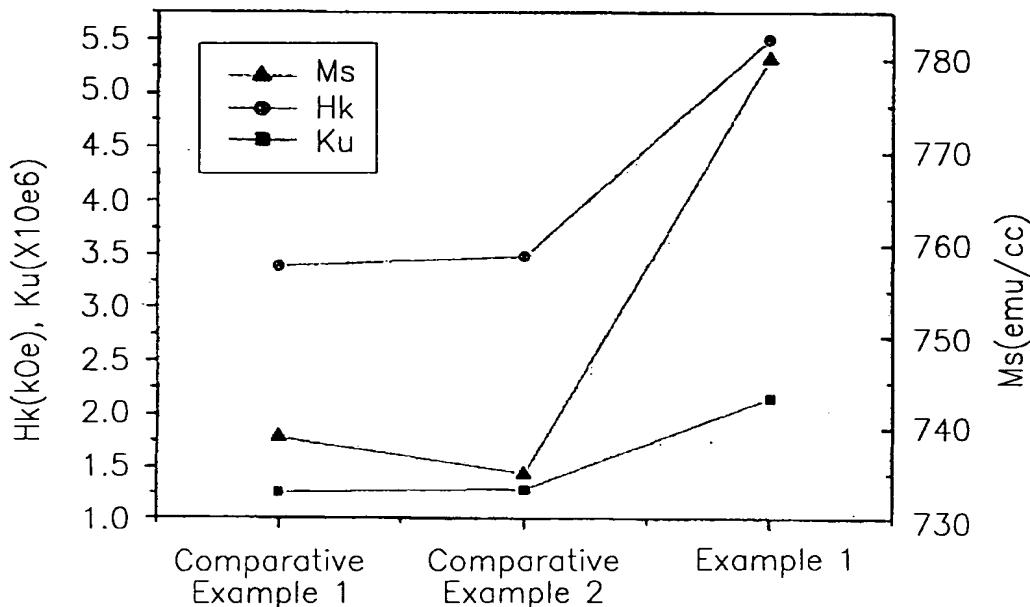


FIG. 6

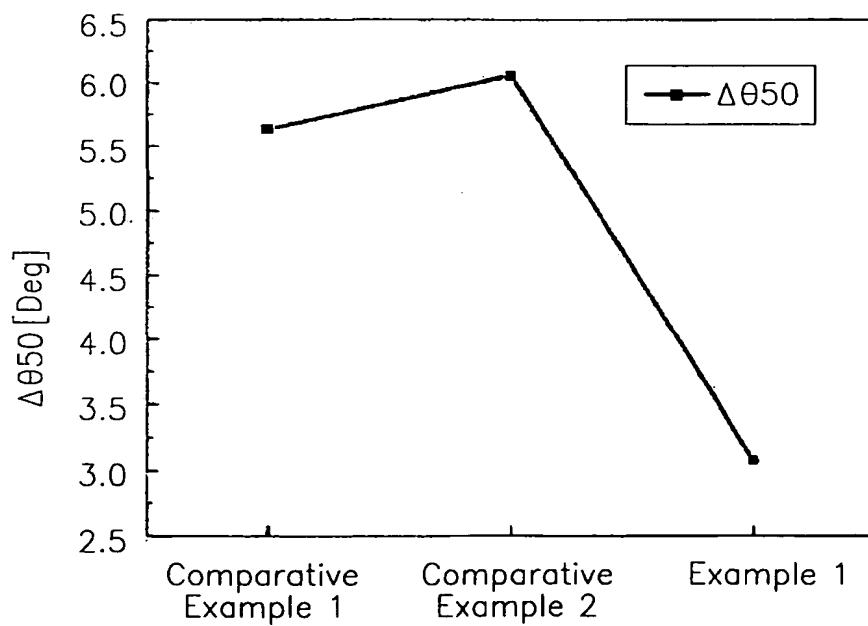


FIG. 7

